

## PORTABLE BALLOON LAUNCHER SYSTEM

### Abstract

5 The portable balloon launcher system consists of a case that is equipped with  
a set of legs that fold out from the back of the case. The case is then opened and  
folding panels located therein extended to create a substantially rectangular launch  
platform, oriented in a substantially horizontal plane. An integral launch bag is  
connected to the resultant portable and stable launch platform. The uninflated balloon  
is inserted into this launch bag, attached to a tank of helium, and inflated. Once the  
10 instrumentation is attached to the balloon and the balloon is ready to launch, the  
launch bag is opened and the balloon released.